

## DIRECT BORE FOR PIPELINE

### ITEM 1802

WORK INCLUDED: (Sec. 01) Furnish all labor, materials, and equipment necessary to install carrier pipe in bored hole by direct boring method, test and if required, sterilize the carrier pipe, as shown on the Drawings and specified herein.

SUBMITTALS: (Sec. 02) Provide the following:

To Engineer

- a. Drawings showing proposed boring arrangement

REFERENCE ITEMS: (Sec. 03) Items of work and/or Materials to be performed and/or furnished and included for payment in this Item are:

Earth Excavation and Backfill including boring and receiving pits  
Rock Excavation and Backfill including boring and receiving pits  
Polyethylene Pressure Pipe IDPS  
Testing of Pipe Lines and Sewers

Carrier pipe shall be as specified on the drawings and conform to its respective Item.

MATERIALS: (Sec.03) Provide the following, as applicable.

Carrier Pipe shall be as specified on the drawings

Bored Hole shall be Free Bored

Lubricant shall be bentonite or other approved material

INSTALLATION: (Sec. 05) The Contractor shall inspect the location of the work and familiarize himself with the conditions under which the work will be performed and with all necessary detail as to the orderly prosecution of the work in its entirety not shown on the Drawings or specified herein, shall not relieve the Contractor of full responsibility.

Contractor shall familiarize himself with all requirements of the Owner. Installation shall conform to all requirements. No changes in line or grade will be permitted except with written permission of the Engineer.

Lubricant may be used on the outside of the carrier pipe.

Augers shall not be pulled once operation is started.

MEASUREMENT: (Sec. 06) The number of lineal feet of pipe line or sewer, in bored hole to be measured for payment under this Item shall be the actual length constructed, measured along the centerline of the carrier pipe, not to exceed that shown on the Drawings unless ordered in writing by the Resident Representative.